

# THIRTEENTH INTERNATIONAL CONGRESS OF ZOOLOGY

## SECTION ON NOMENCLATURE

MINUTES of the Fourth Meeting held at the Sorbonne in the Amphithéâtre Louis-Liard on Monday, 26th July, 1948, at 1445 hours

*(Meeting held concurrently with the Twelfth Meeting of the International Commission on Zoological Nomenclature)*

### PRESENT :

Mr. Francis Hemming (United Kingdom) (*President*)

M. Belloc (France)

Professor H. Boschma (Netherlands)

Professor J. Chester Bradley (U.S.A.)

Professor L. di Caporiacco (Italy)

Dr. E. A. Chapin (U.S.A.)

Dr. Ellsworth C. Dougherty (U.S.A.)

Dr. Isabel Gordon (United Kingdom)

Professor E. R. Hall (U.S.A.)

Dr. Henning Lemche (Denmark)

Professor K. Mansour (Egypt)

Mr. T. C. S. Morrison-Scott (United Kingdom)

Dr. H. H. J. Nesbitt (Canada)

M. G. Ranson (France)

Mr. N. D. Riley (United Kingdom)

Miss Louise Russell (U.S.A.)

Dr. Ethelwynn Trewavas (United Kingdom)

Professor Robert L. Usinger (U.S.A.)

Mr. R. Winckworth (United Kingdom)

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Mrs. M. F. W. Hemming, *Personal Assistant to the Secretary to the International Commission on Zoological Nomenclature*

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**Procedure to be adopted during the Fourth Meeting of the Section on Nomenclature**

**1. THE PRESIDENT (MR. FRANCIS HEMMING)** recalled that, as announced at the meeting held that morning, the present meeting was a meeting of the Section on Nomenclature held concurrently with a meeting of the International Commission on Zoological Nomenclature. Part of the meeting would be devoted to receiving from members of the Section the communications which stood in their name on the Programme of the Congress. The remainder of the meeting would be devoted to matters which fell in the first instance within the province of the International Commission and to the submission to the Section of the recommendations of the Commission on those matters.

Type species of the  
genus *Gryphaea*  
Lamarck, 1801  
(Class Pelecypoda)

2. M. GILBERT RANSON (FRANCE) presented a communication entitled "Quelle est l'espèce 'type' du genre *Gryphaea* Lamarck?"<sup>11</sup>. M. Ranson said that the question of the type of the genus *Gryphaea* had been the subject of much discussion. This generic name had been first published by Lamarck in 1801 in the "Addition" to his "Système des Animaux sans Vertèbres". It should be noted that Lamarck explained in the "Avertissement" to the "Système" that under each genus he proposed to cite one or, very rarely, two species, together with some synonyms. For the genus *Gryphaea* he cited nine species. Of these *G. angulata* Lamarck was the first and *G. arcuata* was the fourth. In a note Lamarck announced his intention of characterising in his "tableau général" those species here referred to only by name. At the time when Lamarck published his "Système", the conception of a "type" for a genus had not yet established itself. In 1823, however, Children did select "types" for the genera recognised by Lamarck in his "Histoire Naturelle des Animaux Sans Vertèbres". It had to be admitted however that Lamarck had cited *Gryphaea angulata* as the first example of his genus *Gryphaea*. It could not be doubted that he had based it upon the unique example of this species which he had just received, an example which was now preserved in the collection of the Paris Museum and which had been figured by Delessert in 1841.

In the "Histoire Naturelle" of 1819 Lamarck described *G. angulata* for the first time, placing it at the head of the list of species of this genus. Various authors had published works on the Mollusca between the appearance in 1801 of Lamarck's "Système" and the publication in 1819 of his "Histoire Naturelle", but none of these authors had designated a type species. The designation of *Gryphaea angulata* by Children in 1823, to which reference had been made was based however upon the "Histoire Naturelle" of 1819 and not upon the "Système" of 1801. As such, the validity of Children's action was contested by Mr. Winckworth of London, who held that the first valid type designation for the genus *Gryphaea* was that of *Gryphaea arcuata* by Anton in 1839.

The question thus arose whether the type species of *Gryphaea* should be selected from the species included in the "Système" of 1801 or from those of the "Histoire Naturelle" of 1819. If the first of these courses was necessary, it had to be noted that *Gryphaea angulata*, the species selected by Children (1823) as the type, had not been described or figured at the time of the publication of the "Système" in 1801, the name *Gryphaea angulata* being at

<sup>11</sup> For the text of the communication made by M. Ranson, see 1950, *Bull. Zool. Nomencl.* **3**: 168-170.

that date no more than a *nomen nudum*. It was for this reason that authors had been led to accept as the type of *Gryphaea* the next species to be so designated after 1823. The species in question was *Gryphaea arcuata*.

It was for consideration therefore whether it was possible to take the "Système" into account in this matter. The Commission itself (in *Opinion* 79) had ruled that, if the rules were rigidly construed, the "Système" could not be accepted as a work in which the types of genera were designated. It should be noted also that Lamarck in the "Histoire Naturelle" (1819) appeared to have taken the same view, for he there made a number of changes in the treatment which he had adopted in the "Système". Nevertheless, in both these works Lamarck placed *Gryphaea angulata* at the head of the list of species of the genus *Gryphaea*.

Continuing, M. Ranson said that he concluded that it was not possible to look to the "Système" for the type of the genus *Gryphaea* Lamarck. It was necessary therefore to turn for this purpose to the "Histoire Naturelle" of 1819, as Children had done in 1823. The first designation of a type species for this genus was therefore the designation by Children of *Gryphaea angulata* Lamarck, 1819.

MR. R. WINCKWORTH (UNITED KINGDOM) said that the proposal submitted by M. Ranson was open to the serious objection that the species proposed to be accepted as the type species of the genus *Gryphaea* Lamarck had not been described or figured at the time (1801) when this generic name was first published by Lamarck. It was true that on that occasion Lamarck did cite the name *Gryphaea angulata* but at that time that name was a *nomen nudum*. There was however, another serious objection to the course proposed by M. Ranson. As established by Lamarck in 1801, the genus *Gryphaea* contained a number of fossil species and three *nomina nuda*, of which *Gryphaea angulata* was one. That name, when validated by Lamarck in 1819, had been applied to a living species. The generic name was now accepted by palaeontologists for fossil species, *Gryphaea arcuata* being recognised as the type. The acceptance of M. Ranson's proposal would therefore disturb palaeontological practice. The generic name *Crassostrea* Sacco, 1897, was available for *Gryphaea angulata* Lamarck, 1819.

THE PRESIDENT (MR. FRANCIS HEMMING) thanked M. Ranson for the communication which he had made to the Section. As M. Ranson himself realised, there were difficulties in the course which he advocated; the question at issue was not one on which the Section on

Nomenclature could itself pronounce an opinion and the matter would have to be referred to the International Commission on Zoological Nomenclature for consideration and decision.

**Communications announced but not yet made to the Section : procedure to be adopted in regard to**

**3. THE PRESIDENT (MR. FRANCIS HEMMING)** said that the communication just made to the Section completed the portion of the programme of the Section devoted to receiving communications from members of the Congress. There were however two other papers, the titles of which appeared in the " *Horaire prévu pour les exposés* " which had been circulated to the members of the Congress by the Secretary-General. These stood in the names of Professor Z. P. Metcalf (U.S.A.) and himself (the President). He (the President) did not propose to communicate to the Section the paper which he had prepared for that purpose, considering it important at the stage which had been reached that the whole of the remaining available time of the Section should be devoted to the consideration of concrete problems brought forward by the Commission. Professor Metcalf's paper, which was entitled " *Static versus Dynamic Nomenclature* ", dealt with a subject on which a large number of decisions had been taken during the past week. All the members of the Section would regret that, through indisposition, Professor Metcalf had been unable to present his communication on this subject.

THE SECTION took note of, and approved, the statement made by the President.

**Proposals relating to three individual nomenclatorial problems**

**4. THE PRESIDENT (MR. FRANCIS HEMMING)** said that there were three problems concerned with individual cases of nomenclature in which many members of the Section were interested which he proposed should next be considered. These problems were (1) the nomenclatorial status of Brünnich's *Zoologiae Fundamenta* of 1771; (2) the status of the names published for spiders by Clerck in his *Aranei svecici* of 1757 (on which a preliminary discussion had taken place at the time of the presentation of Professor Pierre Bonnet's proposal on this subject; (3) the relative merits of the generic names *Schistosoma* and *Bilharzia*. He (the President) proposed that the Section should ask the International Commission on Zoological Nomenclature, which (as the Section were aware) was holding a meeting concurrently with the present meeting, to consider these proposals in the presence of the Section and that immediately upon the close of the discussion on those proposals the conclusions reached by the Commission should be formally reported to the Section.

THE SECTION approved the proposals made by the President and accordingly adjourned to enable the Inter-



national Commission on Zoological Nomenclature to consider the three applications to which the President had referred.

(On resumption)

(Previous reference:  
Paris Session,  
2nd Meeting,  
Minute 6)

THE PRESIDENT (MR. FRANCIS HEMMING) reported that the International Commission on Zoological Nomenclature had (1) decided to recommend that a proviso should be added to Article 26 of the *Règles* in order to bring within the scope of that Article the names published in 1757 by Clerck for certain spiders in his work *Aranei sveicici*, the names in question to rank for nomenclatorial purposes as from 1758 and to take precedence over names published by Linnaeus in that year in the 10th edition of the *Systema Naturae*<sup>12</sup>, (2) had agreed that the generic names published by Brünnich in his *Zoologiae Fundamenta* of 1771 complied with the requirements of Article 25, for although in that treatise Brünnich had not dealt with categories lower than that of the genus, he had applied in that work the principles of binominal nomenclature, and had agreed further to recommend the insertion in Article 25 of words making it clear that, in the case of generic names published prior to 1st January 1931, it was not necessary that, in the work concerned, the author should have cited the trivial names of species, provided that it was clear that in the book in question that author had applied the principles of binominal nomenclature; (3) had agreed to use their plenary powers to suppress the generic name *Bilharzia* Meckel von Hemsbach, 1856, and to validate the name *Schistosoma* Weinland, 1858, the position of the latter name on the "Official List of Generic Names in Zoology" being at the same time confirmed. While considering the case of Brünnich's *Zoologiae Fundamenta*, the Commission had agreed to use their plenary powers to validate the generic name *Cercopithecus* as from Linnaeus, 1758, (with type species, *Simia diana* Linnaeus, 1758), thereby giving valid force to the incorrect entry in regard to this name made in the "Official List of Generic Names in Zoology" under a faulty decision embodied in the Commission's *Opinion* 104. Further, the generic name *Tonna* Brünnich, 1771, had been added to the "Official List" and investigations had been set on foot in regard to the status to be accorded to certain generic names which, if Brisson's *Regnum animale* of 1762 should be found to be unavailable, had first been published by Brünnich in his *Zoologiae Fundamenta* of 1771. The recommendations now submitted to the Section had been agreed to by the Commission unanimously, but their conclusions in regard to the application relating to the name *Bilharzia* had been dissented from by Professor Mansour.

<sup>12</sup> For the record of the discussion in regard to this question by the International Commission on Zoological Nomenclature, see 1950, *Bull. Zool. Nomencl.* 4: 315-319.

THE SECTION approved the recommendations submitted in favour of the amendment of Article 26 and the clarification of Article 25 in the manner proposed and took note of, and approved, the action decided upon by the International Commission on Zoological Nomenclature in regard to the other matters reported.

**Fifth instalment of miscellaneous proposals for the amendment or clarification of the "Règles" (Paper I.C. (48) 17)**

(Previous reference:  
Paris Session,  
3rd Meeting,  
Minute 8)

5. THE SECTION had before them Commission Paper I.C.(48)17, containing the fifth instalment of miscellaneous proposals for the amendment or clarification of the *Règles* which had been submitted for the consideration of the International Commission on Zoological Nomenclature and the Section. This paper contained thirteen proposals which had been numbered consecutively with the proposals submitted in the fourth and earlier instalments and appeared therefore as proposals (81) to (93). The subjects dealt with in this Paper, copies of which had already been distributed, were :—(81) the amplification of the proposed Article relating to the Commission's plenary powers ; (82) the extension of the plenary powers to cover cases where confusion arose through the impossibility of determining how the *Règles* should be applied in certain cases ; (83) the insertion in the *Règles* of a provision governing the composition of the Commission and (84) defining the extent to which the Commission should be free to vary its By-Laws ; (85) the application of Article 28 in relation to trivial names ; (86) and (87) the extension of the scope of the First and Second Schedules to the *Règles* and the repeal of *Opinions* when decisions recorded therein are entered on either of these Schedules ; (88) the establishment of further Schedules, the first for the reception of the " Official List of Generic Names in Zoology," the second for a new Official List, the " Official List of Specific Trivial names in Zoology " and the similar recording of Indexes of rejected and invalid names ; (89) the cancellation of certain of the *Opinions* rendered by the Commission which either contained no effective decision or, by reason of their transitory character, had lost all significance or were otherwise unsatisfactory in whole or in part ; (90) supplementary decisions in regard to matters dealt with in certain *Opinions* needed before the rulings given in those *Opinions* could usefully be inserted in the Schedules concerned ; (91) the correction of errors in certain *Opinions* prior to the insertion of the contents of those *Opinions* in the Schedules concerned ; (92) the insertion in the " Official List of Generic Names in Zoology " of an indication of the gender of each generic name standardised in this way ; (93) arrangements proposed to be made for the early publication of particulars of changes made in the *Règles* by the present Congress, the date of their entry into force, and the insertion in the *Règles* of an Article on this subject.

(Previous reference:  
Paris Session,  
3rd Meeting,  
Minute 7)

THE PRESIDENT (MR. FRANCIS HEMMING) proposed that, in this and certain similar cases shortly to be brought forward, the Section should follow the precedent which they had set at their meeting held that morning and should adjourn to enable the International Commission on Zoological Nomenclature to consider in the presence of the members of the Section the proposals submitted in Commission Paper I.C.(48)17 and, with the assistance of the members of the Section, to formulate recommendations thereon. Immediately the Commission had completed their examination of these proposals, he (the President) would call the Section to order, so that a report might be made to the Section on the recommendations agreed upon by the Commission at the immediately preceding public meeting.

THE SECTION approved the proposals submitted by the President and agreed to adjourn to enable the International Commission on Zoological Nomenclature to examine the recommendations submitted in Commission Paper I.C.(48)17.

(On resumption)

THE PRESIDENT (MR. FRANCIS HEMMING) said that he had formally to report to the Section that the Commission had now completed their examination of the proposals in Commission Paper I.C.(48)17. The Commission had agreed to recommend the adoption of all the proposals in this paper, subject only to certain minor amendments agreed upon in the course of the discussion. In the case of Proposal (85) the Commission recommended that words should be incorporated in the provision proposed to be inserted in Article 28 to secure that, where the application of the new provision would result in a change in the trivial name of a species of importance in medicine, agriculture, veterinary science or other applied fields in biology, that change was not to be made without the prior approval of the Commission. On Point (90) the Commission recommended a drafting amendment in the Article embodying the plenary powers.

It was then proposed and seconded that the recommendation submitted by the Commission be adopted. After an opportunity had been given for any member of the Section to move an amendment to this proposal, should he so desire and no such amendment had been brought forward, THE PRESIDENT put the motion to the Section, by whom it was unanimously adopted.

Sixth instalment of  
miscellaneous  
proposals for the  
amendment or  
clarification of the  
"Regles" (Paper  
I.C. (48) 18)

6. THE PRESIDENT (MR. FRANCIS HEMMING) said that the next matter to be considered was the group of

ten miscellaneous proposals for the amendment or clarification of the *Règles* submitted in Commission Paper I.C.(48)18, copies of which had been distributed. This Paper contained a sixth instalment of ten proposals which had been numbered consecutively with those submitted in the fifth and earlier instalments and appeared therefore as Proposals (94) to (103). The questions dealt with in these proposals included:—(94) the problem of identical trivial names in relation to the Law of Homonymy, where those names were published in different genera which, through the accident of generic homonymy, bore the same name; (95) a loophole left in the definition of the expression "indication" as used in Article 25; (96) an ambiguity in the decision in *Opinion* 46 which required to be cleared up before that decision was incorporated in Article 30 in accordance with the decision taken when Commission Paper I.C.(48)11 had been under consideration; (97) the need for ensuring a rigorous application of Rule (g) in Article 30; (98) the case where species or subspecies are enumerated in a list in which the trivial names are preceded by a serial letter or numeral; (99) the date of entry into force of the *Règles*, as revised by the present (Paris) Congress; (100) the relation of the decision in *Opinion* 116 to Article 34; (101) the need for the further elucidation of the decision in regard to manuscript names taken when Proposal (12) in Commission Paper I.C.(48)11 was under consideration; (102) the position in relation to Article 25 of generic names first published in synonymies of species; (103) the content of generic names first published in generic synonymies.

In accordance with the decision taken in connection with the consideration of Commission Paper I.C.(48)17, THE SECTION agreed to adjourn to enable the International Commission on Zoological Nomenclature to consider the proposals submitted in Commission Paper I.C.(48)18, at a public meeting held in the presence of the members of the Section.

(On resumption)

THE PRESIDENT (MR. FRANCIS HEMMING) said that he had formally to report the conclusions reached by the Commission on the proposals submitted in Commission Paper I.C.(48)18. Subject only to minor drafting changes agreed upon in the course of the discussion, the Commission had agreed to recommend the adoption of Proposals (94) to (98), (101) and (102). As regards the remaining Proposals, Proposal (99) was an inadvertent duplicate of Proposal (93) in Commission Paper I.C.(48)17 on which a decision had already been taken. The Proposal (100) had been rejected by the Commission who took the view that the question at

(Previous reference:  
Paris Session,  
2nd Meeting,  
Minute 13)

issue had been satisfactorily covered by the second supplementary decision taken during the consideration of Commission Paper I.C.(48)11 which had been reported to the Section at its Second Meeting. Finally, as regards Proposal (103), the Commission were of the opinion that the problem presented by generic names published in generic synonymies was so complex that a thorough investigation was desirable before any definite action was taken. The Commission had therefore invited the Secretary to the Commission to make a detailed study of the problem, in consultation with specialists, and to submit a Report thereon, with recommendations, for consideration at the next meeting of the Congress.

It was then proposed and seconded that the recommendations submitted by the Commission, including the amended proposal submitted in lieu of Proposal (100), be adopted. After an opportunity had been given for any member of the Section to move an amendment to this proposal, should he so desire, and no such amendment had been brought forward, THE PRESIDENT put the motion to the Section, by whom it was unanimously adopted.

Fifth Meeting of  
the Section on  
Nomenclature :  
time appointed

7. THE PRESIDENT (MR. FRANCIS HEMMING) said that, with the completion of their examination of the recommendations of the Commission on the proposals submitted in Commission Paper I.C.(48)18, the Section had almost completed their labours for the present Congress, for the only other matter on the Agenda of the Commission was the consideration of a large number of applications relating to individual cases. The Commission would wish to report to the Section the conclusions which they had reached on those applications and the most satisfactory course would be for the Section and the Commission to continue to sit concurrently for this purpose. The Section and the Commission had now been sitting continuously for over two hours and he suggested that it might be to the general convenience of all concerned if the Section and the Commission were now to adjourn for three quarters of an hour. He accordingly proposed that there should be an adjournment until half past five o'clock.

(The Section thereupon adjourned at 1635 hours.)



## THIRTEENTH INTERNATIONAL CONGRESS OF ZOOLOGY

## SECTION ON NOMENCLATURE

MINUTES of the Fifth Meeting held at the Sorbonne in the Amphithéâtre Louis-Liard on Monday, 26th July, 1948, at 1730 hours

(Meeting held concurrently with the Thirteenth Meeting of the International Commission on Zoological Nomenclature)

## PRESENT :

Mr. Francis Hemming (United Kingdom) (*President*)

M. Belloc (France)

Professor H. Boschma (Netherlands)

Professor J. Chester Bradley (U.S.A.)

Professor L. di Caporiacco (Italy)

Dr. E. A. Chapin (U.S.A.)

Dr. Ellsworth C. Dougherty (U.S.A.)

Dr. Isabel Gordon (United Kingdom)

Professor E. R. Hall (U.S.A.)

Dr. Henning Lemche (Denmark)

Professor K. Mansour (Egypt)

Mr. T. C. S. Morrison-Scott (United Kingdom)

Dr. H. H. J. Nesbitt (Canada)

Mr. N. D. Riley (United Kingdom)

Miss Louise Russell (U.S.A.)

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Professor Robert L. Usinger (U.S.A.)

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Mrs. M. F. W. Hemming, *Personal Assistant to the Secretary to the International Commission on Zoological Nomenclature.*

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Eight applications  
on individual  
cases submitted to  
the International  
Commission on  
Zoological  
Nomenclature :  
Paper I.C. (48) 19

1. THE PRESIDENT (MR. FRANCIS HEMMING) said that the first matter to be considered was the group of eight applications on individual cases on which recommendations had been submitted in Commission Paper I.C.(48)19, copies of which had been distributed. These proposals were concerned with : (1) the need to complete *Opinions* rendered by the Commission in cases where those *Opinions* did not give complete answers to the questions submitted ; (2) the addition to the " Official List " of the generic name *Calliphora* Robineau-Desvoidy, 1830 (Class Insecta, Order Diptera), to complete the decision recorded in *Opinion* 82 ; (3) the correction in the " Official List " of the entry relating to the generic name *Mabuya* Fitzinger, 1826 (Class Reptilia); (4) a proposal for the use of the plenary powers in the case of the generic name *Porina* Walker, 1856 (Class Insecta, Order Lepidoptera) ; (5) the question whether the spelling of the generic name *Flebotomus* Rondani, 1840 (Class Insecta,

Order Diptera) should be emended to *Phlebotomus*; (6) the proposed use of the plenary powers to determine the identity of the species to which the specific name *Papilio plexippus* Linnaeus, 1758 (Class Insecta, Order Lepidoptera), should apply; (7) the question of the type species of the genus *Colymbus* Linnaeus, 1758 (Class Aves); (8) the status of certain alleged generic and specific trivial names published for Schistosome monsters.

The President explained that these cases were all cases which could be dealt with by the International Commission on Zoological Nomenclature under their own powers. The Commission would greatly appreciate the assistance of members of the Section in the discussion both of these applications and also of the similar applications which were due to be considered immediately after the present item had been disposed of. Quite apart from this desire on the part of the Commission, it would be necessary for the action agreed upon by the Commission in regard to these cases to be reported to the Section in order that the Congress might be fully informed in regard to all matters on which decisions had been reached by the Commission during the present (Paris) Session. He (the President) proposed therefore that the Section should remain in session while individual cases were under consideration by the Commission, thereby both enabling the members of the Section to take a full part in the discussion of those cases and making it possible to dispense with the necessity for a detailed report to be made by the Commission on the decisions taken by them on the applications in question.

In accordance with the procedure suggested by the President, THE SECTION then participated in the discussion by the International Commission on Zoological Nomenclature on the eight applications enumerated in Commission Paper I.C.(48)19, and took note of, and approved, the conclusions reached by the Commission thereon. In addition, as regards proposal (8), the Section approved the proposal of the Commission that the decision which they had reached should be formally recorded by the insertion in the *Règles* of an express provision that names given to monsters possess no status in zoological nomenclature.

2. THE SECTION participated in the discussion by the International Commission on Zoological Nomenclature on the undermentioned cases published in Part 5 of volume 1 of the *Bulletin of Zoological Nomenclature* and took note of, and approved, the decisions taken by the Commission in regard thereto :—

Two applications published in Part 5 of Volume 1 of the "Bulletin of Zoological Nomenclature"

- (1) the status for nomenclatorial purposes of Oken, 1816, *Lehrbuch der Naturgeschichte* ;
- (2) the question whether steps should be taken under the Commission's plenary powers to render available under Article 25 some or all of the generic names published by Geoffroy (E. L.) in 1762 in the non-binominal work *Histoire abrégée des Insectes qui se trouvent aux environs de Paris*, with special reference to the name *Coriza* Geoffroy ;
- (3) the proposed suppression for nomenclatorial purposes of the pamphlet entitled "Buprestidae" privately and anonymously published by Hope (F.W.) in 1836.

**Eighteen applications published in Part 8 of Volume 1 of the "Bulletin of the Zoological Nomenclature"**

**3. THE SECTION** participated in the discussion by the International Commission on Zoological Nomenclature on the following eighteen applications published in Part 8 of volume 1 of the *Bulletin of Zoological Nomenclature* and took note of, and approved, the conclusions reached by the Commission in regard thereto :—

- (1) the question of the validity of the designations of type species by Koch (C.L.), 1837–1842, *Übersicht des Arachnidensystems*, for certain genera, the names of which had been first published by that author in 1835–1842, *Deutschlands Crustaceen, Myriapoden und Arachniden* ;
- (2) the question of the oldest available trivial name for the species renamed *Diaptomus vulgaris* by Schmeil in 1897 (Class Crustacea, Order Copepoda) ;
- (3) the proposed use of the plenary powers to suppress the generic name *Graptolithus* Linnaeus, 1768 (Class Graptolithina, Order Graptoloidea) ;
- (4) the proposed use of the plenary powers to suppress the names *Lomatoceras* Bronn, 1834, and *Monoprion* Barrande, 1850, and to validate the name *Mono-graptus* (emend. of *Monograpsus*) Geinitz, 1852 (Class Graptolithina, Order Graptoloidea) ;
- (5) the proposed use of the plenary powers to suppress the generic name *Gladiolites* Barrande, 1850, and to validate the name *Retiolites* Barrande, 1850 (Class Graptolithina, Order Graptoloidea) ;
- (6) the question of the type species of *Diplodinium* Schuberg, 1888 (Class Ciliophora) ;
- (7) the status of the generic name *Aspidoproctus* Newstead, 1901 (Class Insecta, Order Hemiptera) ;

- (8) the status of the generic name *Phoranthella* Townsend, 1915 (Class Insecta, Order Diptera) ;
- (9) the proposed use of the plenary powers to validate the generic name *Diadema* Humphreys, 1797 (Class Echinoidea, Order Aulodonta) ;
- (10) the relative merits of the names Polyplacophora and Loricata as the name for the Class known as "Chitons" in the Phylum Mollusca ;
- (11) the question of the holotype of *Fasciola ovata* Rudolphi, 1803 (Class Trematoda, Order Digenea) ;
- (12) the relative status of the generic names *Petalifera* Gray, 1847, and *Aphysiella* Fischer, 1872 (Class Gastropoda, Order Aplysiomorpha) ;
- (13) the question whether *Acmaea* Eschscholtz, 1830 (Class Gastropoda, Order Archaeogastropoda), is a homonym of *Acmea* (=emended form of *Acme*) Hartmann, 1821 (Class Gastropoda, Order Mesogastropoda) ;
- (14) the proposed use of the plenary powers to determine the holotype of *Ammonites cordatus* Sowerby, 1813 (Class Cephalopoda, Order Ammonoidea) ;
- (15) the proposed use of the plenary powers to vary the type selection of the genus *Actinote* Hübner [1819] (Class Insecta, Order Lepidoptera) ;
- (16) the proposed use of the plenary powers to designate *Hemerobius humulinus* Linnaeus, 1758, as the type species of the genus *Hemerobius* Linnaeus, 1758 (Class Insecta, Order Neuroptera) ;
- (17) the question whether the specific name *Acarus alatus* Hermann, 1804, is to be regarded as a homonym of the name *Acarus alatus* Schrank, 1803, a name given to an unrecognisable species (Class Arachnida, Order Acarina) ;
- (18) the proposed emendation of the name *Palaeaneilo* Hall (J.), 1869 (Class Pelecypoda, Order Protobranchia) to *Palaeoneilo*.

THE SECTION approved the recommendations submitted by the Commission for the clarification of Article 35 in regard to the issue raised by case (17) above (*Acarus alatus*). Finally, with reference to case (10) above, THE SECTION approved the proposal of the Commission that Commissioner Francis Hemming (Secretary to the Commission) should be invited to make a thorough study, in conjunction with interested specialists, of the problems involved in securing uniformity in the nomenclature of categories down to, and including, the category Sub-Order (*Sub-Ordo*), and to submit a Report thereon, with recommendations, for consideration at the next meeting of the Congress.

Twenty-Three  
applications  
published in Part 9  
of Volume 1 of the  
"Bulletin of  
Zoological  
Nomenclature"

4. THE SECTION participated in the discussion by the International Commission on Zoological Nomenclature on the following twenty-three applications published in Part 9 of volume 1 of the *Bulletin of Zoological Nomenclature* and took note of, and approved, the conclusions reached by the Commission in regard thereto :—

- (1) the procedure to be followed in determining the name of a family based upon the union on taxonomic grounds of two or more existing families ;
- (2) the date as from which the names published in Pallas (P.S.), *Zoographia rosso-asiatica* are to be treated as having been published ;
- (3) the proposed suppression of the generic name *Clavellarius* Olivier, 1789 (Class Insecta, Order Hymenoptera), consequent upon the validation of the name *Cimbex* Olivier, 1790 ;
- (4) the proposed use of the plenary powers to validate the generic name *Bombus* Latreille, 1802 (Class Insecta, Order Hymenoptera), with *Apis terrestris* Linnaeus, 1758, as type species ;
- (5) the proposed use of the plenary powers to validate the generic name *Ceratina* Latreille [1802–1803] (Class Insecta, Order Hymenoptera), with *Apis albilabris* Fabricius, 1793, as type species ;
- (6) the proposed use of the plenary powers to designate *Pemphredon tristis* Van der Linden, 1829, as the type species of *Diodontus* Curtis, 1834 (Class Insecta, Order Hymenoptera) ;
- (7) the proposed use of the plenary powers to designate *Formica rufa* Linnaeus, 1758, as the type species of the genus *Formica* Linnaeus, 1758 (Class Insecta, Order Hymenoptera) ;
- (8) the proposed use of the plenary powers to suppress the generic name *Gorytes* Latreille, [March 1804], and to validate the same name as from Latreille, [Sept. 1804] (Class Insecta, Order Hymenoptera) ;
- (9) the proposed use of the plenary powers to validate the generic name *Harpactus* as from Shuckard, 1837, with *Arpactus formosus* Jurine, 1807, as type species (Class Insecta, Order Hymenoptera) ;
- (10) the proposed use of the plenary powers to validate the generic name *Macropis* Panzer, [1806–1809] (type species : *Megilla labiata* Fabricius, [1804–1805]) by suppressing the designation of the above species as the type species of *Megilla* Fabricius, [1804–1805] (Class Insecta, Order Hymenoptera) ;



- (11) the proposed use of the plenary powers to designate *Apis centuncularis* Linnaeus, 1758, as the type species of the genus *Megachile* Latreille, 1802 (Class Insecta, Order Hymenoptera) ;
- (12) the proposed use of the plenary powers to designate *Methoca ichneumonides* Latreille, [Sept. 1804], as the type species of *Methoca* (emend. of *Methocha*) Latreille, [March 1804] (Class Insecta, Order Hymenoptera) ;
- (13) the proposed use of the plenary powers to validate the generic name *Notozus* Förster, 1853, by suppressing the name *Elampus* Spinola, 1806 (Class Insecta, Order Hymenoptera) ;
- (14) the use of the plenary powers to suppress the generic name *Nyso* Latreille, 1796, and to validate the name *Nysson* Latreille, 1802 (Class Insecta, Order Hymenoptera) ;
- (15) the use of the plenary powers to designate *Vespa spinipes* Linnaeus, 1758, as the type species of *Odynerus* Latreille, [1802-1803] (Class Insecta, Order Hymenoptera) ;
- (16) the use of the plenary powers to designate *Formica contracta* Latreille, 1801, as the type species of *Ponera* Latreille, 1804 (Class Insecta, Order Hymenoptera) ;
- (17) the use of the plenary powers to suppress the generic name *Euphilis* Risso, 1826, in order thereby to validate the name *Rhopalum* Stephens, 1829 (Class Insecta, Order Hymenoptera) ;
- (18) the use of the plenary powers to designate *Crabro continuus* Fabricius, 1805, as the type species of *Solenius* Lepeletier & Brullé, 1835 (Class Insecta, Order Hymenoptera) ;
- (19) the use of the plenary powers to suppress the specific name *Sphex vagus* Linnaeus, 1758, and to validate the name *Vespa arvensis* Linnaeus, 1758, for the same species (Class Insecta, Order Hymenoptera) ;
- (20) the use of the plenary powers to suppress the specific name *Apis agrorum* Schrank, 1781, and to validate the name *Apis agrorum* Fabricius, 1787, for the species commonly known as *Bombus agrorum* (Fabricius, 1787) (Class Insecta, Order Hymenoptera) ;

- (21) the proposed use of the plenary powers to designate *Erycina pellucida* Lamarck, 1805, as the type species of the genus *Erycina* Lamarck, 1805 (Class Pelecypoda, Order Heterodonta);
- (22) the status for nomenclatorial purposes of Gesner (J.), 1758, *Tractatus physicus de Petrificatis*;
- (23) the question whether the generic names *Liodes* Heyden, 1826 (Class Arachnida, Order Acarina) and *Leiodes* Latreille, 1796, are homonyms of one another.

**Report to the  
Congress :  
supplementary  
items**

(Previous reference:  
Paris Session.  
3rd Meeting,  
Minute 5)

**5. THE PRESIDENT (MR. FRANCIS HEMMING)** recalled that when, at their meeting held in the morning of the same day, the Section had approved the Report submitted by the International Commission on Zoological Nomenclature and had invited him to submit it to the Congress on their behalf, with an indication that it had been approved and adopted by the Section, they had agreed also that if, as the result of discussions in the Section subsequent to the adoption of the Commission's Report, the Commission and the Section were to agree to make any additions to the Report, the additions so agreed upon should be made before the Report was submitted to the Congress. There were two points arising out of this decision to which he (the President) wished to refer. The first was concerned with the interpretation of the Report; the second involved the insertion in the Report of an additional sentence. As regards the first of these points, it was important that it should be clearly placed on record that the approval of the Commission's Report signified by the Section at their morning's meeting applied not only to the recommendations submitted to the Section by the Commission up to the time when at that meeting the approval of the Section was so signified but also to recommendations submitted by the Commission to the Section and approved by the Section in the period between the adoption by the Section of the Commission's Report and the close of the final meeting of the Section during the present (Paris) Congress, for it was essential that at the final *Concilium Plenum* to be held on the following morning the Congress should have the views of the Section on all the conclusions reached. In order to clear the position in this regard up to the close of the present meeting, he (the President) asked the Section to place on record that the approval of the recommendations submitted by the Commission in regard to the amendment of the *Règles* recorded by the Section in approving and adopting the Commission's Report applied not only to the recommendations submitted to, and approved by, the

Section up to that moment, but also to the recommendations similarly submitted and approved (1) in the portion of the 3rd Meeting of the Section held subsequent to the adoption by the Section of the Commission's Report, (2) during the 4th Meeting of the Section held at 1445 hours that afternoon and (3) during the present (5th) Meeting. The second of the points to which he (the President) had referred was concerned with the insertion in the Report of the Commission of a sentence referring to the fact that during their present (Paris) Session the Commission had reached decisions on a large number of applications submitted to them on individual nomenclatorial problems. It had always been the hope of the Commission to make progress in this field during the Paris Session, but it had not been possible to insert a reference to this matter in the draft Report which had been considered that morning, for up to that time the Commission had not been able to devote any time to the consideration of individual applications, the whole of their energies having been directed to the consideration of proposals for the amendment or clarification of the *Règles*. The President therefore asked the Section to place on record in the way that he had suggested their endorsement of the recommendations submitted by the Commission during the period to which he had referred and at the same time to approve the insertion in the Commission's Report of a sentence on the lines proposed, relating to the consideration by the Commission of individual applications during their Paris Session.

After the Commission had signified their approval of the insertion in their Report of the proposed additional sentence, THE SECTION approved the proposals submitted by the President.

Sixth (and Final)  
Meeting of the  
Section on  
Nomenclature :  
time appointed

6. THE PRESIDENT (MR. FRANCIS HEMMING) said that there still remained a number of applications relating to individual cases, on which the Commission were anxious to reach decisions before the close of the Congress. There would therefore be a further meeting of the Commission that evening at 2030 hours. That meeting, like the present meeting, be a concurrent meeting both of the Commission and of the Section.

*(The Section thereupon adjourned at 1910 hours.)*

## THIRTEENTH INTERNATIONAL CONGRESS OF ZOOLOGY

## SECTION OF NOMENCLATURE

MINUTES of the Sixth Meeting held at the Sorbonne in the Amphithéâtre Louis-Liard on Monday, 26th July, 1948, at 2030 hours

(Meeting held concurrently with the Fourteenth Meeting of the International Commission on Zoological Nomenclature)

## \* PRESENT :

Mr. Francis Hemming (United Kingdom) (*President*)  
 Professor E. Beltrán (Mexico)  
 Professor J. Chester Bradley (U.S.A.)  
 Professor L. di Caporiacco (Italy)  
 Dr. E. A. Chapin (U.S.A.)  
 Dr. Ellsworth C. Dougherty (U.S.A.)  
 Professor Harold Kirby (U.S.A.)  
 Dr. Henning Lemche (Denmark)  
 Mr. N. D. Riley (United Kingdom)  
 Professor Robert L. Usinger (U.S.A.)

Fourteen  
 applications  
 published in Part 10  
 of Volume 1 of the  
 "Bulletin of  
 Zoological  
 Nomenclature"

1. THE SECTION participated in the discussion by the International Commission on Zoological Nomenclature on the following 14 applications published in Part 10 of volume 1 of the "Bulletin of Zoological Nomenclature" and took note of, and approved, the conclusions reached by the Commission in regard thereto :—

- (1) the proposed use of the plenary powers to suppress the generic name *Raphistoma* Rafinesque, 1815 (Class Pisces, Order Synentognathi) and to validate the generic name *Raphistoma* Hall, 1847 (Class Gastropoda, Order Archaeogastropoda);
- (2) the proposed use of the plenary powers to suppress the generic name *Teleosteus* Volger, 1860, and the specific name *Teleosteus primaevus* Volger, 1860 (Class Anthozoa);
- (3) the interpretation of Article 19 of the *Règles* in relation to the specific trivial name *mcfarlandi* as used in the specific name *Chromodoris mcfarlandi* Cockerell, 1902 (Class Gastropoda, Order Opisthobranchia);
- (4) the status of the name commonly cited as *Piroplasma annulatum* Dschunkowsky and Luhs, 1904 (Class Sporozoa, Order Coccidiida);
- (5) the proposed use of the plenary powers to designate *Tremataspis schmidtii* Rohon, 1892, as the type

- species of the genus *Tremataspis* Schmidt, 1866 (Class Cephalaspidomorphi, Order Osteostraci);
- (6) the proposed use of the plenary powers to determine the identity of *Anomia pecten* Linnaeus, 1758, with the species belonging to the Order Protremata (Class Brachiopoda) commonly known as *Strophomena pecten* (Linnaeus, 1758);
  - (7) the question of the type species of the genus *Chinchilla* Bennett, 1829 (Class Mammalia, Order Rodentia);
  - (8) the status of the name *Aturoidea* Vredenburg, 1925 (Class Cephalopoda, Order Nautiloidea);
  - (9) the proposed use of the plenary powers to designate *Carabus collaris* Paykull, 1798, as the type species of the genus *Bradycellus* Erichson, 1837 (Class Insecta, Order Coleoptera);
  - (10) the proposed use of the plenary powers to designate *Carabus granulatus* Linnaeus, 1758, as the type species of the genus *Carabus* Linnaeus, 1758 (Class Insecta, Order Coleoptera);
  - (11) the proposed use of the plenary powers to designate *Carabus aeneus* Fabricius, 1775, as the type species of the genus *Harpalus* Latreille [1802-1803], and *Carabus obscurus* Fabricius, 1792, as the type species of the genus *Ophonus* Stephens, 1827 (Class Insecta, Order Coleoptera);
  - (12) the proposed use of the plenary powers to designate *Buprestis marginatus* Fourcroy, 1785, as the type species of the genus *Lebia* Latreille [1802-1803] (Class Insecta, Order Coleoptera);
  - (13) the proposed use of the plenary powers to designate *Tachys scutellaris* Stephens, 1828, as the type species of the genus *Tachys* Stephens, 1828 (Class Insecta, Order Coleoptera);
  - (14) the proposed use of the plenary powers to designate *Carabus quadristriatus* Schrank, 1781, as the type species of the genus *Trechus* Schellenberg, 1806 (Class Insecta, Order Coleoptera).

Seventeen applications published in Part 11 of Volume 1 of the "Bulletin of Zoological Nomenclature"

2. THE SECTION participated in the discussion by the International Commission on Zoological Nomenclature on the following 17 applications published in Part 11 of volume 1 of the "Bulletin of Zoological Nomenclature" and took note of, and approved, the conclusions reached by the Commission in regard thereto:—

- (1) the determination of the holotype of *Dinornis*



- novaezealandiae* Owen, 1843. (Class Aves, Order Dirnornithoformes) ;
- (2) the status for nomenclatorial purposes of Martin (W.) 1793, *Figures and Descriptions of Petrifications collected in Derbyshire*, and 1809, *Petrificata Derbiensia* ;
  - (3) the question whether eight generic names in the Order Lepidoptera (Class Insecta) commonly accepted as having been first published by Fabricius in 1807 were published by Illiger earlier in the same year ;
  - (4) the proposed emendation to *Hygrobia* of the generic name *Hygriobia* Latreille, 1804 (Class Insecta, Order Coleoptera) ;
  - (5) the question of the type species of the genus *Schwagerina* von Möller, 1877 (Class Rhizopoda, Order Foraminifera) ;
  - (6) the proposed use of the plenary powers to suppress the generic name *Coriscus* Schrank, 1796, and to validate the generic name *Alydus* Fabricius, 1803, with *Cimex calcaratus* Linnaeus, 1758, as type species (Class Insecta, Order Hemiptera) ;
  - (7) the proposed use of the plenary powers to designate *Cimex littoralis* Linnaeus, 1758, as the type species of the genus *Salda* Fabricius, 1803 (Class Insecta, Order Hemiptera) ;
  - (8) the proposed use of the plenary powers to designate *Cimex najas* De Geer, 1773, as the type species of the genus *Aquarius* Schellenberg, 1800 (Class Insecta, Order Hemiptera) ;
  - (9) the proposed use of the plenary powers to designate *Cimex purpureolineatus* Rossi, 1790, as the type species of the genus *Bellocoris* Hahn, 1834 (Class Insecta, Order Hemiptera) ;
  - (10) the proposed use of the plenary powers to designate *Cimex maritimus* Scopoli, 1763, as the type species of the genus *Beosus* Amyot and Serville, 1843 (Class Insecta, Order Hemiptera) ;
  - (11) the proposed use of the plenary powers to designate *Tingis fabricii* Stål, 1868, as the type species of the genus *Cutoplatus* Spinola, 1837 (Class Insecta, Order Hemiptera) ;
  - (12) the proposed use of the plenary powers to designate *Dictyonota strichnocera* Fieber, 1844, as the type species of the genus *Dictyonota* Curtis, 1827 (Class Insecta, Order Hemiptera) ;

- (13) the proposed use of the plenary powers to designate *Cimex abietum* Bergroth, 1914, as the type species of the genus *Gastrodes* Westwood, 1840 (Class Insecta, Order Hemiptera) ;
- (14) the proposed use of the plenary powers to designate *Oncotylus punctipes* Reuter, 1873, as the type species of the genus *Oncotylus* Fieber, 1858 (Class Insecta, Order Hemiptera) ;
- (15) the proposed use of the plenary powers to designate *Litosoma bicolor* Douglas and Scott, 1868, as the type species of the genus *Pachylops* Fieber, 1858 (Class Insecta, Order Hemiptera) ;
- (16) the proposed use of the plenary powers to designate *Cimex clavatus* Linnaeus, 1767, as the type species of the genus *Pilophorus* Hahn, 1826 (Class Insecta, Order Hemiptera) ;
- (17) the proposed use of the plenary powers to designate *Cimex antillarum* Kirkaldy, 1909, as the type species of the genus *Tetyra* Fabricius, 1803 (Class Insecta, Order Hemiptera).

Twenty-one  
applications  
submitted to the  
International  
Commission on  
Zoological  
Nomenclature  
by individual  
specialists

3. THE SECTION participated in the discussion by the International Commission on Zoological Nomenclature on the following 21 applications which had been submitted by various specialists and were awaiting decision, and took note of, and approved, the conclusions reached, and the recommendations submitted, by the Commission in regard thereto :—

- (1) the proposed use of the plenary powers to suppress the specific name *Papilio idas* Linnaeus, 1758, and to validate the name *Papilio idas* Linnaeus, 1761, as the name for the species formerly known as *Lycaena argyrognomon* (Bergstrasser, 1779) (Class Insecta, Order Lepidoptera) (file Z.N.(S.)60) ;
- (2) the proposed addition of the names of five genera in the Order Lepidoptera (Class Insecta) to the " Official List of Generic Names in Zoology " and of the names of three genera in the same Order to the " Official Index of Rejected and Invalid Generic Names in Zoology " (file Z.N.(S.)119) ;
- (3) the proposed use of the plenary powers to suppress for nomenclatorial purposes the recently discovered anonymous pamphlet published in 1840 under the title *Verzeichniss einer aus Java übersandten sehr ansehnlichen Sammlung Thieren aller Classen* (known as the " Hildesheim List ") containing a number of overlooked specific names for species of the Classes Mammalia and Aves (file Z.N.(S.)196) ;

- (4) the measures to be taken to determine the names to be applied to the genera in the Order Lepidoptera (Class Insecta) for which names were given by Hübner (J.) in the pamphlet entitled the "Tentamen" rejected for nomenclatorial purposes by the Commission's *Opinion* 97 (file Z.N.(S.)314);
- (5) the use of the plenary powers to determine the identity of the species named *Papilio podalirius* by Linnaeus in 1758 (Class Insecta, Order Lepidoptera) (file Z.N.(S.)183);
- (6) the problem of the identity of the species to which a given specific name applies where that name is based partly upon specimens and partly upon a previously published nominal species, the name of which is rejected by the author of the new name (files Z.N.(S.)179 and 180) (on which subject the Commission invited the Secretary to make a study in consultation with interested specialists, and to submit a Report, with recommendations, for consideration at the next meeting of the Congress);
- (7) the question whether Meuschen applied the principles of binominal nomenclature in his index to the *Zoophylacium gronovianum* of Gronovius published in 1781 (file Z.N.(S.)311);
- (8) the proposed use of the plenary powers to designate *Podura aquatica* Linnaeus, 1758, as the type species of the genus *Podura* Linnaeus, 1758, and *Macrotoma minor* Lubbock, 1862, as the type species of the genus *Tomocerus* Nicolet, 1842 (Class Insecta, Order Collembola) (file Z.N.(S.)199);
- (9) the question of the type species of the genus *Amphipterus* Hübner [1819] (Class Insecta, Order Lepidoptera) (file Z.N.(S.)204);
- (10) the proposed use of the plenary powers to suppress the generic name *Echinocrinus* Agassiz, 1841, and to validate the generic name *Archaeodicaris* McCoy, 1844 (Class Echinoidea, Order Cidaroida) (file Z.N.(S.)320);
- (11) the proposed use of the plenary powers to designate *Spatagus pusillus* Müller (O.F.), 1776, as the type species of the genus *Echinocyamus* van Phelsum, 1774, and *Fibularia ovulum* Lamarck, 1816, as the type species of the genus *Fibularia* Lamarck, 1816 (Class Echinoidea, Order Clypeastroida) (file Z.N.(S.)318);
- (12) the proposed use of the plenary powers to validate as from Brandt, 1835, the generic names *Phyllacanthus* and *Strongylocentrotus* (Class Echinoidea, Orders

Cidaroida and Camarodonta) and to designate as the type species for the first of these genera the species *Phyllacanthus dubius* Brandt, 1835, and for the second, *Echinus drobachiensis* Müller (O.R.), 1776 (file Z.N.(S.)319) ;

(13) the proposed use of the plenary powers :—

- (a) to validate the generic name *Spatangus* as from Gray, 1825, with *Spatagus purpureus* Müller (O.F.), 1776, as type species ;
- (b) to validate the generic name *Ova* Gray, 1825, with *Spatangus canaliferus* Lamarck, 1816, as type species ;
- (c) to validate the generic name *Schizaster* Agassiz [1836], with *Schizaster studeri* Agassiz, 1840, as type species ;
- (d) to validate the generic name *Echinocardium* Gray, 1825, with *Echinus cordatus* Pennant, 1777, as type species, and the generic name *Moiria* Agassiz, 1872, with *Spatangus atropos* Lamarck, 1816, as type species ;
- (e) to validate the generic name *Brissus* Gray, 1825, with *Spatangus brissus* Leske, var. *unicolor* Leske, 1778, as type species (Class Echinoidea, Order Clypeastroida) (file Z.N.(S.)317) ;

(14) the proposed use of the plenary powers :—

- (a) to designate *Echinus placenta* Linnaeus, 1758, as the type species of *Arachnoides* Leske, 1778,
- (b) to validate the generic name *Echinarachnius* Gray, 1825, with *Scutella parva* Lamarck, 1816, as type species, and
- (c) to validate *Echinodiscus* Leske, 1778, with *Echinodiscus bisperforatus* Leske, 1778, as the type species (Class Echinoidea) (file Z.N.(S.)322) ;

(15) the proposed use of the plenary powers to validate the entry in *Opinion* 92 relating to the generic name *Echeneis* Linnaeus, 1758, by designating *Echeneis naucrates* (emend. of *neucrateſ*) Linnaeus, 1758, as the type species of this genus (Class Pisces, Order Discocephali) (file Z.N.(S.)156) ;

(16) the proposed use of the plenary powers to determine the identity of the species named *Papilio iris* by Linnaeus in 1758 (Class Insecta, Order Lepidoptera) (file Z.N.(S.)184) ;

- (17) the proposed use of the plenary powers to suppress the specific names *Papilio ascanius* Linnaeus, 1769, and *Papilio aristolochiae* Pallas if published prior to the publication of the specific name *Papilio aristolochiae* Fabricius, 1775, and to validate the last-cited specific name (Class Insecta, Order Lepidoptera) (file Z.N.(S.)186) ;
- (18) the status for nomenclatorial purposes of Zimmermann, 1777, *Specimen Zoologiae geographicae*, and of Zimmermann, 1778-1783, *Geographische Geschichte* (file Z.N.(S.)182) ;
- (19) the status for nomenclatorial purposes of Frisch, 1775, *Das Natur-System der vierfüssigen Thiere* (file Z.N.(S.)254) ;
- (20) the problem of the name *Dama virginiana* Zimmermann, 1780, as the name of the Virginia Deer (file Z.N.(S.)182) ;
- (21) report by the Secretary on the efforts made since the meeting of the Commission held at Lisbon in 1935 to secure a settlement of the controversy centring around the names published by Meigen in 1800 for certain genera in the Order Diptera (Class Insecta) (file Z.N.(S.)191).

**Article 25 :**  
**additional**  
**provisions**  
**relating to**  
**rival names**  
**which, prior to**  
**being published in**  
**accordance with**  
**the provisions of**  
**Article 25, were**  
**either manuscript**  
**names or**  
**"nomina nuda"**

(Previous references:  
 Paris Session,  
 6th Meeting,  
 Conclusions 18 & 24)

4. THE SECTION participated in the discussion by the International Commission on Zoological Nomenclature on Notes 3 and 5 to the re-issue of the Commission's *Opinion* 4 (published in 1944) and approved recommendations by the Commission: (a) that a provision should be inserted in the *Règles* making it clear in the proposed consolidation of the decision given in *Opinion* 4 (for which see the proposals submitted in paragraph 12 of the list of proposals included in Commission Paper I.C.(48)11) that the decision given in that *Opinion* does not apply to pre-1758 names published in 1758 or later, the status of such names being regulated by the provisions now to be inserted in Article 25 to give effect to the decision previously given by the Commission in their *Opinion* 5 (see the proposals on this point submitted in paragraph 21 of the list submitted in Commission Paper I.C.(48)11) ; (b) that words should also be inserted in the provision to be inserted in Article 25 to give effect to the decision embodied in *Opinion* 4 making it clear that it is immaterial for the purpose there in question whether an author, when publishing a manuscript name or republishing with an indication, including the citation of such a name in the synonymy of a species having a validly published name, a name previously published as a *nomen nudum*, expressly states that he is so doing or whether an author when



publishing or, as the case may be, republishing such a name, attributes that name to some other author in the erroneous belief that the name in question had been duly published by that author; (c) that a *Recommandation* should be inserted in Article 25 strongly condemning the practice of publishing manuscript names or republishing names previously given an irregular currency through their having appeared in print as *nomina nuda* and urging any author who may feel that for some special reason it is important that such a name should be published or, as the case may be, republished, expressly to draw attention to the nature of the action which he is taking.

THE SECTION agreed that their conclusions on the foregoing matters should be treated as having been covered in the approval already given by the Section to the Report to be submitted by the Commission to the Congress.

Authorship of  
new names and  
method to be  
adopted in citing  
authors' names :  
supplementary  
provisions

5. THE SECTION participated in a discussion raised by the Acting President of the Commission in regard to the method to be adopted in citing the authorship of a name which was published in a joint paper by two or more authors, but where it was clearly stated in the paper that the description of the new taxonomic unit concerned was the exclusive work of one of the authors concerned. It was explained that this matter had been included by Professor Pierre Bonnet (France) in one of the proposals which he had submitted for consideration, but which had been postponed when, on the previous Thursday (22nd July, 1948), the Commission had considered those applications. The proposal was that a provision should be inserted in the *Règles* making it clear that, where a paper written jointly by two authors (authors "A" and "B") contains clear evidence that the description of some or all of the newly named taxonomic units is the exclusive work of one of the authors (say, author "B"), that name is to be attributed to "B" and cited as having been published by "B' in 'A' and 'B'." Similarly, if an author ("A") includes in a paper a new name, and it is there expressly stated that the description of the taxonomic unit so named was written by some other author (say, author "C"), that name should be attributed to author "C" and cited as having been published by "C' in 'A'."

THE SECTION approved the recommendations submitted by the Commission and agreed that their approval thereof should be treated as having been covered by the approval already given by the Section to the Report to be submitted by the Commission to the Congress.

**Approval of certain recommendations embodied in notes attached to re-issues of old *Opinions* or as appendices to new *Opinions***

**6. THE SECTION** participated in a review by the International Commission on Zoological Nomenclature of recommendations on certain matters submitted by the Secretary to the Commission, either in the re-issues of old *Opinions* or when issuing for the first time *Opinions* recently adopted by the Commission. The recommendations in question were:—(1) that an *Opinion* should be rendered stating that the names in the Nozeman & Vosmaer edition of Moehring's *Genera Avium* possessed no availability under Article 25, the book in question being no more than a re-publication, after the close of 1757, of names published before 1758, which, on being so republished, were not re-inforced by adoption or acceptance on the part of the authors by whom it was republished (see footnote 10 to the re-issue of *Opinion* 5); (2) that *Opinions* should be rendered, as proposed in Note 8 to the re-issue of *Opinion* 13, dealing with (a) the status of names published in the Edwards edition of Catesby, 1771, *Natural History of Carolina*, (b) the status of Meuschen, 1778, *Museum Gronovianum*, and (c) the specific name of the Sand Crab (an *Opinion* to replace *Opinion* 13, now to be cancelled); (3) the determination of the status and type species of certain generic names discussed in *Opinion* 16; (4) the proposed use of the plenary powers to designate *Taenia solium* Linnaeus, 1758, as the type species of the genus *Taenia* Linnaeus, 1758 (Class Cestoidea), thereby giving valid force to the erroneous entry in regard to this generic name made by the decision embodied in the Commission's *Opinion* 84 (proposal submitted in Note 7 to the re-issue of *Opinion* 16); (5) a recommendation submitted in an Appendix to *Opinion* 166 on the subject of the status of the name *Pompilus* and seven other names commonly, but erroneously, treated as having been published as generic names by Schneider (J.G.) in 1784, *Sammlung vermischter Abhandlungen zur Aufklärung der Zoologie und der Handlungsgeschichte* and the proposed use of the plenary powers to suppress the generic name *Octopodia* Schneider, 1784, and validate the name *Octopus* Lamarck, 1784 (Class Cephalopoda) and matters incidental thereto.

THE SECTION took note of, and approved, the decisions taken by the Commission in regard to the foregoing proposals.

**Re-issue of the older of the *Opinions* rendered by the International Commission on Zoological Nomenclature: arrangements for**

**7. THE SECTION** participated in a discussion by the International Commission on Zoological Nomenclature on the subject of the re-issue of the older of the *Opinions* which were now out of print and so scarce in Europe as to be virtually unobtainable. In the course of this discussion, the Commission agreed that, in view of the change

in the situation created by the decision to codify the *Règles* by incorporating either in the *Règles* themselves or in the Schedules thereto all the decisions recorded in *Opinions* rendered by the Commission, save in those cases where it had been decided that a particular decision or part of a decision should not be so codified, there was no longer any need for the publication of fully edited re-issues of the old *Opinions* but that, in view of the importance of those *Opinions* and their great scarcity, especially in Europe, it was desirable that the full text of those *Opinions* should be made available by their being re-published in facsimile.

THE SECTION took note of, and approved, the decision taken by the Commission in this matter.

**Nomenclature of  
the human malaria  
parasites**

8. THE SECTION participated in a discussion by the International Commission on Zoological Nomenclature on the question of the nomenclature of the human malaria parasites. The Commission had attempted to deal with this matter in 1928 when in *Opinion* 104 they had directed that the generic names *Plasmodium* and *Laverania* should be placed on the "Official List," with the "Quartan Malaria Parasite" as the type species of the first of these genera and the "Malignant Tertian" ("Aestivo-Autumnal") Malaria Parasite as the type species of the second. The object sought by the Commission when taking this action, namely the grant of official recognition to the universal usage of malariologists was obviously right, but unfortunately the data relating to these generic names and their respective type species given in *Opinion* 104 were incorrect in almost every possible particular. The whole subject was extremely involved and had been studied independently on the one hand by Commissioner Francis Hemming, Secretary to the Commission, in the course of editing the "Official List" for publication, and on the other hand by Professor Robert L. Usinger (U.S.A.) and Dr. Curtis W. Sabrosky (U.S.A.). It was satisfactory to be able to note that both sets of investigators had reached similar conclusions in regard to the action which should be taken to regularise the position in regard to these important names. In the course of the discussion of the names which had at various times been applied to these species, attention was drawn to the fact that in the last decade of the XIXth century several authors who had regarded all these species as forms of a single species had applied to them Latin adjectives in the genitive case in grammatical agreement, not with the generic name as required by Article 14, but with the specific trivial name, expressed or understood. It was generally agreed that it would be wrong for the

provisions relating to the automatic correction of names formed in contravention of Article 14 and other Articles which had been agreed upon by the Section at an earlier meeting to apply to cases such as those referred to above. The Commission accordingly agreed to recommend that words should be inserted in the *Règles* to make it clear that the foregoing provisions did not apply in the class of case here under consideration and therefore that adjectives so published had no standing as trivial names.

THE SECTION took note of, and approved, the action which the Commission decided to take under their plenary powers to validate and clarify the entries in the "Official List" in regard to the generic names discussed above. The Section approved also the proposal submitted in relation to Article 14.

**"Official List of Specific Trivial Names in Zoology": supplementary decisions regarding**

9. THE SECTION participated in a discussion by the International Commission on Zoological Nomenclature on certain matters relating to the rules agreed to be laid down in regard to the "Official List of Specific Trivial Names in Zoology." In this connection it was pointed out that, although this "Official List" had been established for recording the trivial names of species, it would inevitably happen on occasion that the Commission would wish to inscribe on this "List" trivial names which, although now currently regarded as specific trivial names, had originally been published as subspecific trivial names. Quite apart from such cases, it might sometimes be considered desirable to place on this "List" trivial names which all were agreed should be regarded as subspecific trivial names. Again, cases might arise where there was general agreement that it was desirable that a given trivial name should be placed on the "List" but where specialists were not agreed as to whether the trivial name in question should be regarded as a specific, or as a subspecific, trivial name. It was considered that in such cases the best course would be to follow the precedent set in regard to generic names (on the suggestion of Alternate Commissioner Beltrán) under which more than one generic name was placed on the "Official List" in cases where it was agreed that it was desirable that the generic nomenclature of a given group should be stabilised, but where there was not agreement as to whether more than one genus was involved. In such cases both generic names were placed on the "Official List," a note being attached to the later published generic name making it clear that it was placed on the "Official List" solely for the benefit of those workers who considered that more than one genus was involved. At the close of the discussion the

Commission agreed to submit recommendations in the foregoing sense to the Section for approval.

THE SECTION approved the recommendation submitted by the International Commission that the provisions to be inserted in the *Règles* in regard to the "Official List of Specific Trivial Names in Zoology" should be expanded in the manner indicated above. At the same time the Section took note of, and concurred in, the conclusion reached by the Commission that the foregoing extension of the scope of this "Official List" did not call for any change in its title.

**Editorial  
Committee  
charged with the  
duty of  
editing the  
revised text of the  
"Règles":  
composition of**

(Previous reference:  
Paris Session,  
3rd Meeting,  
Minute 5)

**10. THE SECTION**, jointly with the International Commission on Zoological Nomenclature, then turned to consider the composition of the Editorial Committee of Three Members which, at the first of the meetings held that day, the Section had agreed should be entrusted with the duty of examining and determining any questions which might be raised as the result of the examination by the members of the Commission of the draft prepared by the jurists, of the *Règles*, as revised by the present Congress.

THE PRESIDENT (MR. FRANCIS HEMMING) reported that, in accordance with the request addressed to him at the joint meeting of the Section and the Commission held that morning, he had held consultations during the day with leading European and American zoologists on the question of the proposals to be submitted to the Section in regard to the selection of the zoologists to be invited to serve on the Editorial Committee. There was general agreement that the membership of this Committee should consist of the Secretary to the Commission and of one European, and one American member of the Commission. For the European seat, all were agreed that it was desirable to secure the services of a zoologist, whose mother tongue was French but who was also thoroughly familiar with the English language, for this qualification would be of especial value in ensuring the closest comparison of the draft of the substantive French text of the *Règles* with the draft of the English translation of that text. The unanimous view of all the zoologists consulted was that this place should be offered to Professor V. van Straelen who had not only played an important part, as an Alternate Member of the Commission, in the reform of the *Règles* agreed upon during the present Congress and possessed in an outstanding measure the special qualifications required but was also a zoologist of the highest distinction whose appointment to the Editorial Committee would be generally



acclaimed by European zoologists. Professor van Straelen was unfortunately detained by another engagement elsewhere but he had authorised him (the President) to state that, if it was the general wish of the Commission and the Section that he should serve on the Editorial Committee, he would be willing to do so. For the American seat on the Committee, the American zoologists consulted would have desired to nominate Professor J. Chester Bradley, the senior of the American members of the Commission attending the present Congress, but they realised that this was not practicable, in view of the arrangements made by Professor Chester Bradley to start an extensive tour of Africa shortly after the close of the Congress. The American zoologists accordingly proposed that the American seat on the Editorial Committee should be offered to Professor Robert L. Usinger, who, as an Alternate Member of the Commission, had attended all the meetings of the Commission and the Section at which the reform of the *Règles* had been under consideration and had himself played an outstanding part in the discussions leading to the decisions reached. Professor Usinger had indicated that, if so invited by the Commission and the Section, he would be willing to serve on the Editorial Committee.

In the discussion which ensued, general satisfaction was expressed on behalf both of the Commission and of the Section at the result of the discussions undertaken by the President, the nominations suggested meeting with the approval of all present.

After the International Commission on Zoological Nomenclature had unanimously agreed to recommend the adoption of the nominations suggested, THE SECTION agreed that the Editorial Committee should be composed of Mr. Francis Henning, *Secretary to the International Commission on Zoological Nomenclature*, Professor V. van Straelen and Professor Robert L. Usinger.

Report by the  
International  
Commission on  
Zoological  
Nomenclature :  
insertion of a  
reference to the  
composition of the  
Editorial  
Committee and  
other matters

11. At the close of the discussion recorded in the preceding minute, the International Commission on Zoological Nomenclature intimated that, now that the composition of the Editorial Committee had been settled, they desired to insert a reference to this subject in their Report to the Congress. The Commission felt sure that this would be in accordance with the wish of the Section and they accordingly sought the concurrence of the Section in the action proposed. The Commission desired also that the Section should signify that the approval given to conclusions reached by the Commission as regards both items affecting the *Règles* and individual nomenclatorial questions, at the



present meeting, was to be taken as being indicated also in the approval given that morning to the Report submitted by the Commission.

THE SECTION approved the proposal of the International Commission that their Report to the Congress should be modified so as to include a reference to the composition of the Editorial Committee and should be held to cover also the matters dealt with at the present meeting, to which the Section had signified their approval.

**International  
Commission on  
Zoological  
Nomenclature:  
internal procedure  
during  
inter-Congress  
periods**

**12.** THE SECTION participated in a discussion by the International Commission on Zoological Nomenclature in regard to the possibility of improving the existing arrangements for the maintenance, during inter-Congress periods, of close contact between the Secretary and other members of the Commission in regard to the work of the Commission.

THE SECTION took note of the arrangements agreed upon by the International Commission in regard to the above matter.

**Official Record of  
Proceedings of the  
International  
Commission on  
Zoological  
Nomenclature  
during its Paris  
Session:  
arrangements for  
securing an agreed  
text**

**13.** THE SECTION participated in a discussion by the International Commission on Zoological Nomenclature in regard to the arrangements to be made for securing agreement among the Commissioners and Alternate Commissioners who had attended the Paris Session, in regard to the text of the Official Record of the Proceedings of the Commission at that Session. At the close of this discussion, the Commission agreed that, in view of the inevitably bulky character of the Official Record, the draft should be printed as soon as it was available, and it should be submitted to the Commissioners and Alternate Commissioners concerned in proof form, airmail being used for all destinations outside the United Kingdom. It was further agreed that a period of one month should be allowed for the return of comments on the draft and that on the completion of the foregoing period, the text of the Official Record should be settled by the Secretary in the light of any comments that might have been received and thereupon published with the least possible delay in the "Bulletin of Zoological Nomenclature" in conformity with the decision already taken by the Section on Nomenclature.

THE SECTION took note of the arrangements agreed upon by the International Commission in regard to the above matter.

**Thanks of the  
Section on  
Nomenclature to  
the members of the**

**14.** THE SECTION heartily endorsed a proposal submitted by the International Commission on Zoological Nomenclature that their thanks be given to those members

Congress who had served as Alternate Members of the International Commission on Zoological Nomenclature

of the Congress who had served as Alternate Members of the International Commission on Zoological Nomenclature.

*(At this point Professor J. Chester Bradley rose in his place and said that he had a proposal which he desired to bring before the Section regarding the services rendered by Mr. Francis Hemming in the discharge of his duties as President of the Section on Nomenclature during the present Congress.)*

*(In accordance with Professor Chester Bradley's request, Mr. Francis Hemming then vacated the Presidential Chair, which, on the invitation of the Section, was thereupon taken by Professor Harold Kirby (U.S.A.)).*

Rising Vote of Thanks to Mr. Francis Hemming for his conduct of the Office of President of the Section on Nomenclature

15. PROFESSOR J. CHESTER BRADLEY (U.S.A.) said that it would be the wish of the members of the Section, including also all those members of the Congress who had attended earlier meetings of the Section but had been unable to be present at this evening's meeting, to place on record their admiration of the manner in which their President, Mr. Francis Hemming, had discharged his duties as the Presiding Officer at their meetings, combining those duties, as he had, with his heavy duties as Secretary to the International Commission on Zoological Nomenclature and Acting President of the Commission. He was speaking for all members of the Section in conveying to Mr. Hemming their grateful thanks for the immense amount of time and effort which both before and during the Congress he had given to secure that the work of the Section on Nomenclature should be as fruitful as possible. Mr. Hemming's work as the Secretary to the International Commission was well known to every zoologist who was interested in questions of zoological nomenclature. Everyone who knew Mr. Hemming knew also his outstanding capacity for hard work and admired the energy and enthusiasm which he brought to his often difficult task. It would be the wish also of the Section, in giving their thanks to Mr. Hemming, to join with his name that of his wife, who, as they knew, combined with her duties as a wife those of a highly skilled and indefatigable personal assistant.

Professor Chester Bradley therefore proposed that the Section on Nomenclature should record their appreciation of the services rendered by Mr. Hemming in his capacity as their President by giving him a rising vote of thanks and that, in doing so, they should ask him to convey to Mrs. Hemming their thanks also for the work which she had done to help to make the work of the Section a success.

*Thereupon, without question put, all the members of the Section on Nomenclature rose in their places and gave Mr. Hemming a Rising Vote of Thanks for the service which he had rendered as their President, at the same time associating themselves with the tribute paid to him on their behalf by Professor Chester Bradley and asking him to convey their thanks also to Mrs. Hemming.*

MR. FRANCIS HEMMING said that he desired to express his gratitude for the rising vote of thanks which the Section had just been good enough to give for his work as their President, and in particular to thank Professor Chester Bradley for the flattering terms in which he had made his proposal to the Section. The duties of the President of the Section on Nomenclature were highly responsible at any meeting of the Congress, for it fell to him so to discharge his Office as to ensure a full opportunity to every member of the Congress to express his views on questions brought before the Section, while at the same time securing also that the whole programme of the Section should be duly completed in the limited time available. At the present Congress these duties had been particularly onerous, both because of the long interval of thirteen years which had elapsed since its last meeting and because of the large number and important character of the proposals submitted to the Section by the International Commission on Zoological Nomenclature. That the Section had been successful in completing their consideration of all the questions brought before them was due mainly to the whole-hearted spirit in which they addressed themselves to their task, to the co-operative spirit shown from the outset by all the members of the Section, and to the ready willingness which they had evinced to bring hard work, and to devote long hours, to the service of the Section. All had been inspired to do everything in their power to contribute to the common goal and it was this spirit which had made it possible for the Section to reach all its decisions by unanimity and to achieve the large measure of definite progress in the development of zoological nomenclature, for which the present Congress would always be remembered.

Mr. Hemming added that he had been much touched and greatly gratified at the reference which had been made to the great help rendered to him by his wife. He would gladly convey to her the message which had been entrusted to him by the Section. He was very happy to have this opportunity himself to pay tribute to the constant help and encouragement given to him by his wife.

*(At this point Professor Harold Kirby left the Presidential Chair which was resumed by Mr. Francis Hemming.)*

**Vote of Thanks  
to the  
Secretary-General  
of the Congress  
and to the  
Authorities of  
the Congress  
generally**

**16. THE PRESIDENT (MR. FRANCIS HEMMING)** said that he felt sure that, before they dispersed, the members of the Section would wish to express their thanks to the Secretary-General of the Congress for the admirable arrangements which he had made for their meetings. They would wish at the same time to record their gratitude to their French hosts at the Congress for the arrangements made for their entertainment and for the hospitality extended to them during their visit to Paris. This had made the Congress not only of outstanding importance in the scientific field but also the occasion for the happiest memories for all who had attended it.

**Close of Proceedings  
of the Section on  
Nomenclature of the  
Thirteenth  
International  
Congress of Zoology,  
Paris, July 1948**

**17. THE PRESIDENT (MR. FRANCIS HEMMING)** said that the Section had now completed the whole of its business and it only remained for him once more to thank the Section for the kindness which they had throughout shown to him in the discharge of his duties as their President.

**THE PRESIDENT** then pronounced the Paris Session of the Section on Nomenclature to be closed.